

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

06/09/2011

Ran Mingo
Assistant District Attorney, Suffolk County

Dear ADA Mingo,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan & Daniel Renczkowski.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6631

DRUG RECEIPT

CC # [REDACTED]

BOOK #

66

PAGE #

172

DESTRUCTION #

District/Unit

D-4 / DKOIF

Name & Rank of Arresting Officer

P.O. JOEL RESIL

ID#

P6209

DEFENDANT'S NAME

ADDRESS

CITY

STATE

BOSTON

MA

BOSTON

MA

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHTANALYSIS
NUMBER

WHITE ROCK-LIKE SUBSTANCE

11

4 p/b's
1 piece4.47g
381g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

Sgt. V White

ID#

11064

Received by

[Signature]

Date

1-13-17

ECU Control #

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

*Maintenance and repairs of all analytical instruments.

*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

*Responsible for the Quality Control/Quality Assurance program for the drug lab.

*Notary Public.

*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

*Writing, revising and reviewing Standard Operating Procedures (SOPs).

*Trained and supervised new chemists and interns for the department.

*Routine QC testing of products for the FDA.

*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

*Complete testing of chemicals for Vendor Validation Project for the FDA.

*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Daniel Renczkowski

Education

Degree: Bachelors of Science in Forensic Chemistry,
May 2005 from Buffalo State College
GPA: 3.84, Dean's List, Honor's Recognition
American Chemical Society Undergraduate Award
Phi Lambda Upsilon Membership

Related Coursework: Analytical Chemistry Physical Chemistry
Organic Chemistry I and II Instrumental Chemistry
Biochemistry Forensics Laboratory
Chemistry of Criminalistics Physical Evidence
Anatomy Physiology

Employment

Massachusetts Department of Public Health Drug Analysis Laboratory

Chemist I (October 2005 – March 2008)

Chemist II (March 2008 – present)

- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff
- Successfully completed GC/MS training program
- Responsible for the identification of substances to determine violation of the Controlled Substances Act of the Massachusetts General Laws
- Responsible for maintenance and repairs of analytical instruments
- Responsible for quality control of analytical instruments and standards

Related Experience

Niagara County Forensics Laboratory

Forensic Internship, January 2005

- Conducted research on the presumptive testing of saliva
- Conducted research on the identification and detection of lubricants
- Observed all aspects of the laboratory including drug analysis, firearms comparison, trace evidence, arson investigation, toxicology, and serology
- Daily use of FTIR microscope and DuraSamplerII
- Familiarized with GC/MS programs

No. [REDACTED] Date Analyzed: 3-22-11
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 4 Cont: pb
Date Rec'd: 01/13/2011 No. Analyzed: 1
Gross Wt.: 4.47 Net Weight: 0.13
Tests: 6AD
• 2DJR

Prelim: cocaine @ Findings: Cocaine

No. [REDACTED] Date Analyzed: 3-18-11
City: Boston D.C.U. Police Dept.
Officer: P.O. SYBIL WHITE
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 1 Cont: pb
Date Rec'd: 01/13/2011 No. Analyzed:
Gross Wt.: 3.81 Net Weight: 0.08
Tests: 6AD
• 2DJR

Prelim: cocaine @ Findings: Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY Boston ANALYST ASJ

No. of samples tested: Evidence Wt.

PHYSICAL DESCRIPTION:

off white chunky substance
in 11 bags

Gross Wt (4): 0.7298

Gross Wt (1): 0.1985

Pkg. Wt:

Net Wt: 0.1399

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (-) +

Marquis -

Froehde's -

Mecke's -

Microcrystalline Tests

Gold
Chloride +

TLTA (-) +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 3-18-11

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS
OPERATOR DJR

DATE 3-22-11

DRUG POWDER ANALYSIS FORM

SAMPLE # _____ AGENCY Boston ANALYST AM

No. of samples tested: _____

Evidence Wt. _____

PHYSICAL DESCRIPTION:

off white chunky substance
in 1 pb

1005.e

Gross Wt (): _____

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 0.0861

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate (-) \rightarrow

Marquis

Froehde's

Mecke's

Microcrystalline Tests

Gold
Chloride \times

TLTA (-) +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS 100%

DATE 3-15-11

GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS
OPERATOR DJR

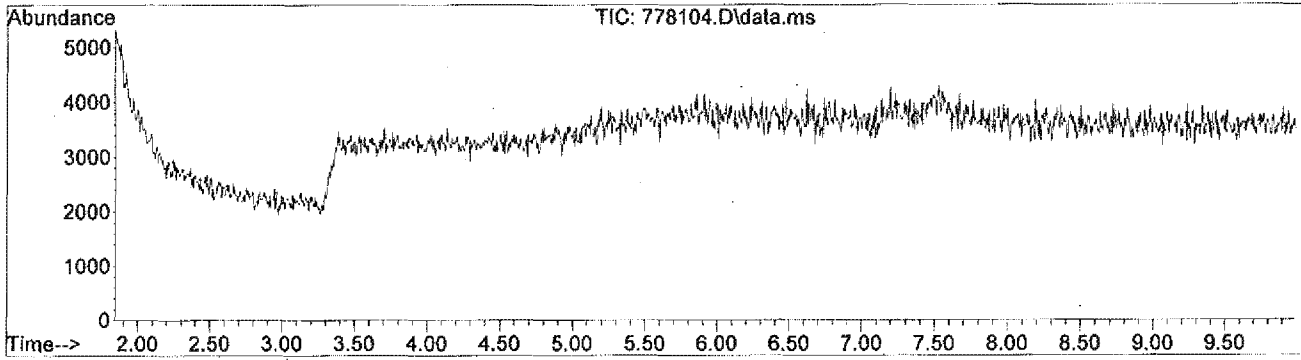
DATE 3-18-11

Area Percent / Library Search Report

Information from Data File:

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Operator : DJR
Date Acquired : 21 Mar 2011 13:48
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

✓ DJR
6-8-11



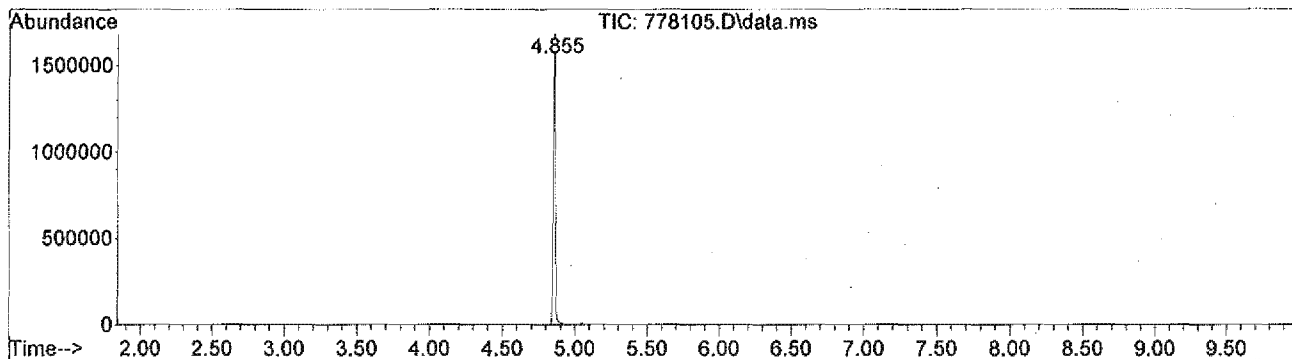
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\System8\03_21_11\778105.D
 Operator : DJR
 Date Acquired : 21 Mar 2011 14:01
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.855	1469795	100.00	100.00

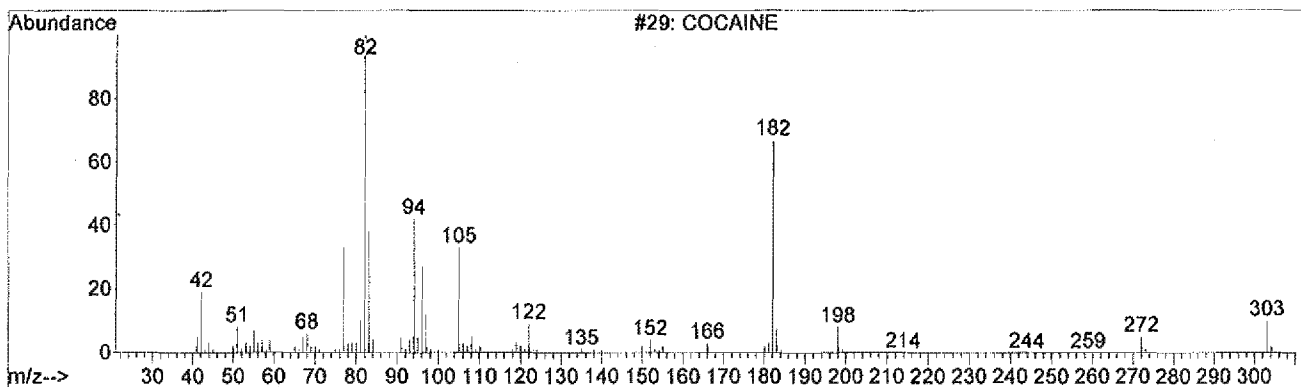
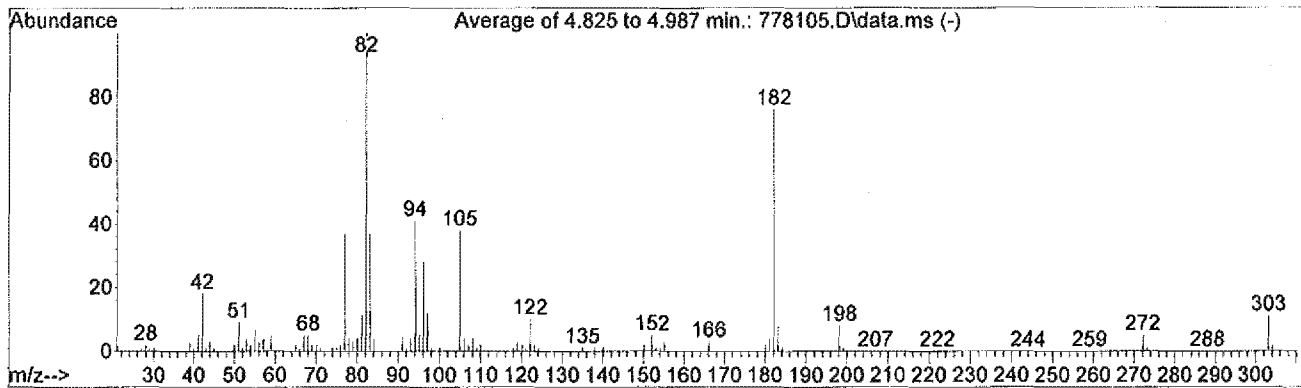
Area Percent / Library Search Report

Information from Data File:

File Name : D:\System8\03_21_11\778105.D
 Operator : DJR
 Date Acquired : 21 Mar 2011 14:01
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

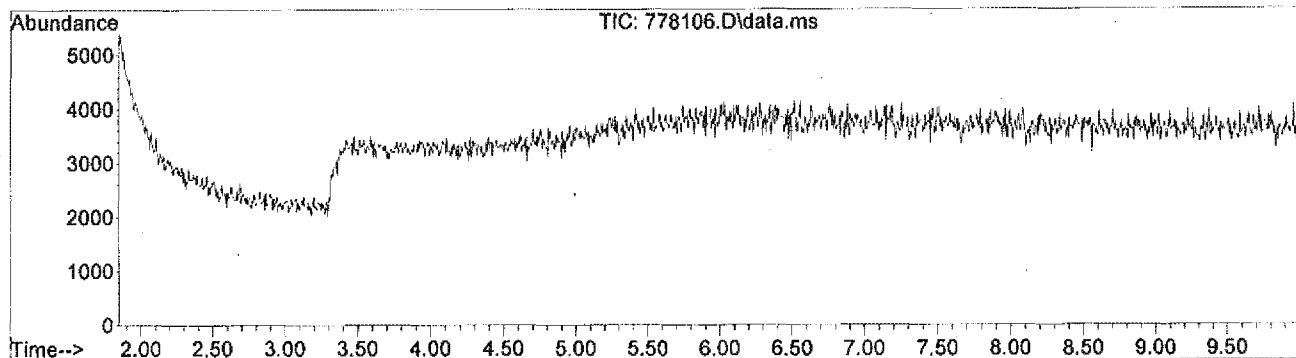
PK#	RT	Library/ID	CAS#	Qual
1	4.86	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : D:\System8\03_21_11\778106.D
Operator : DJR
Date Acquired : 21 Mar 2011 14:14
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



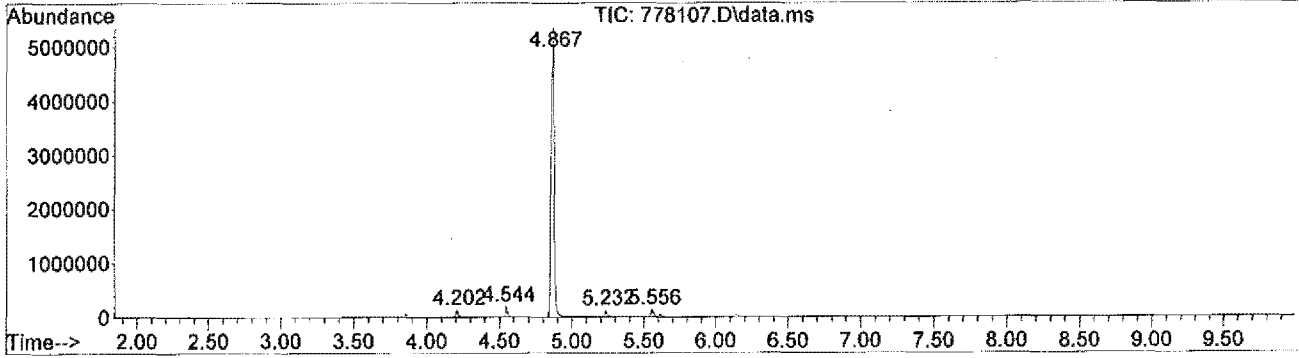
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\System8\03_21_11\778107.D
 Operator : DJR
 Date Acquired : 21 Mar 2011 14:26
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 7
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.202	136066	1.63	1.77
4.544	207105	2.48	2.70
4.867	7675729	92.09	100.00
5.232	152326	1.83	1.98
5.556	163901	1.97	2.14

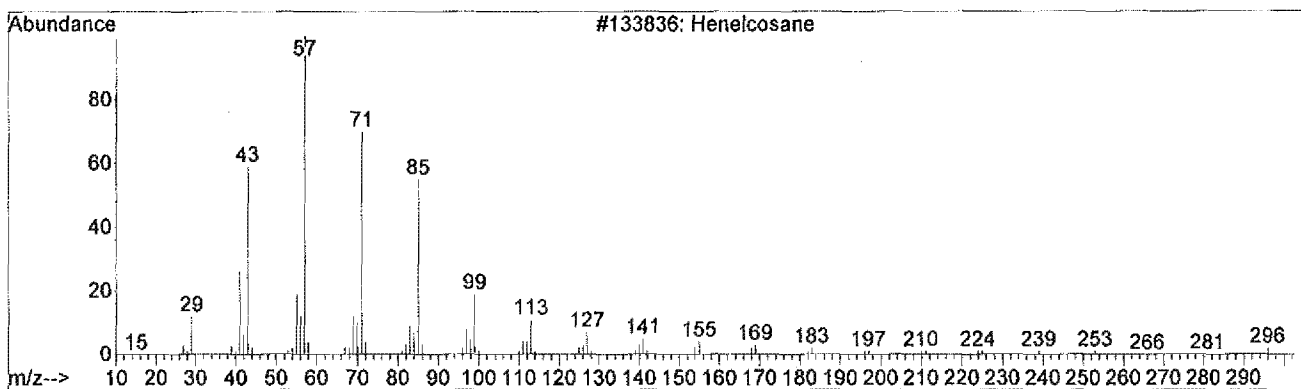
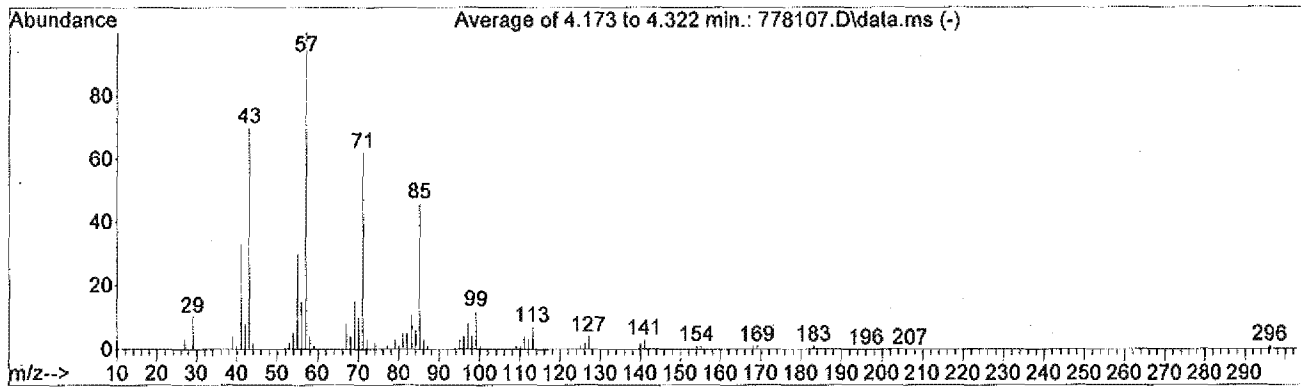
Area Percent / Library Search Report

Information from Data File:

File Name : D:\System8\03_21_11\778107.D
 Operator : DJR
 Date Acquired : 21 Mar 2011 14:26
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 7
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.20	C:\Database\NIST08.L		
		Heneicosane	000629-94-7	96
		Nonadecane, 9-methyl-	013287-24-6	90
		Eicosane	000112-95-8	90



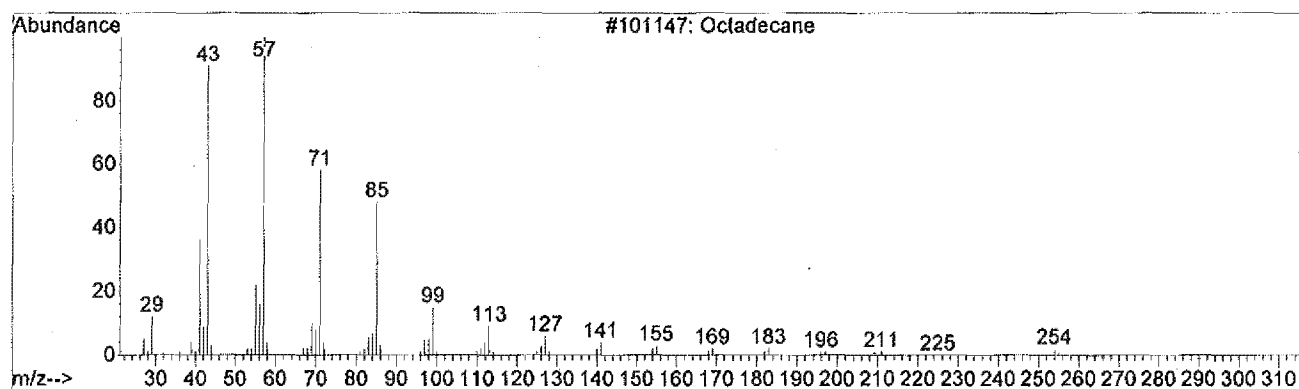
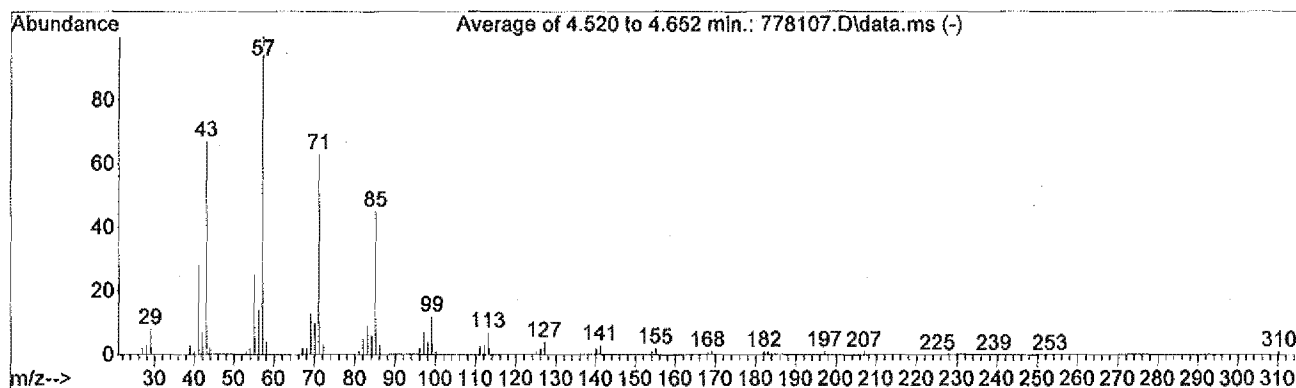
Area Percent / Library Search Report

Information from Data File:

File Name : D:\System8\03_21_11\778107.D
Operator : DJR
Date Acquired : 21 Mar 2011 14:26
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 7
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.54	C:\Database\NIST08.L		
		Octadecane	000593-45-3	91
		Heptacosane	000593-49-7	91
		Hexadecane	000544-76-3	90



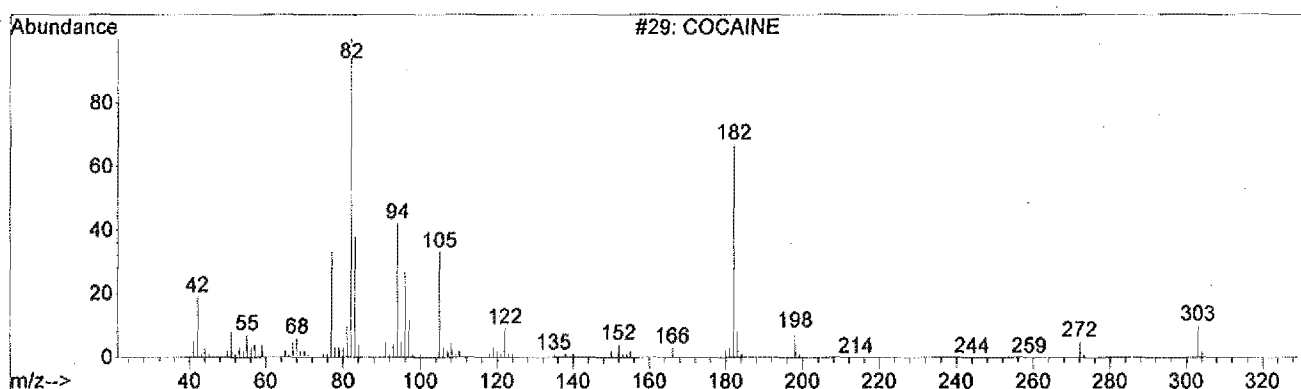
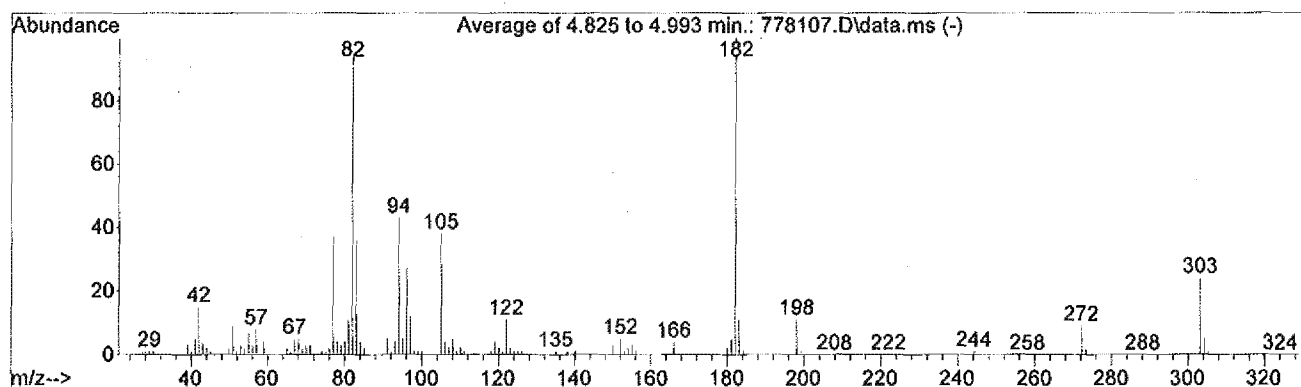
Area Percent / Library Search Report

Information from Data File:

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 Operator : DJR
 Date Acquired : 21 Mar 2011 14:26
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 7
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	4.87	C:\Database\SLI.L COCAINE	000050-36-2	99



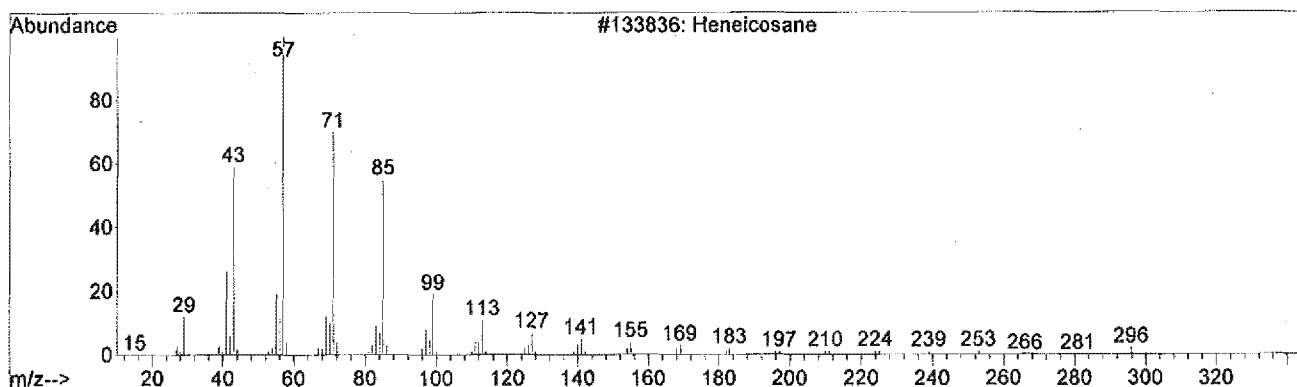
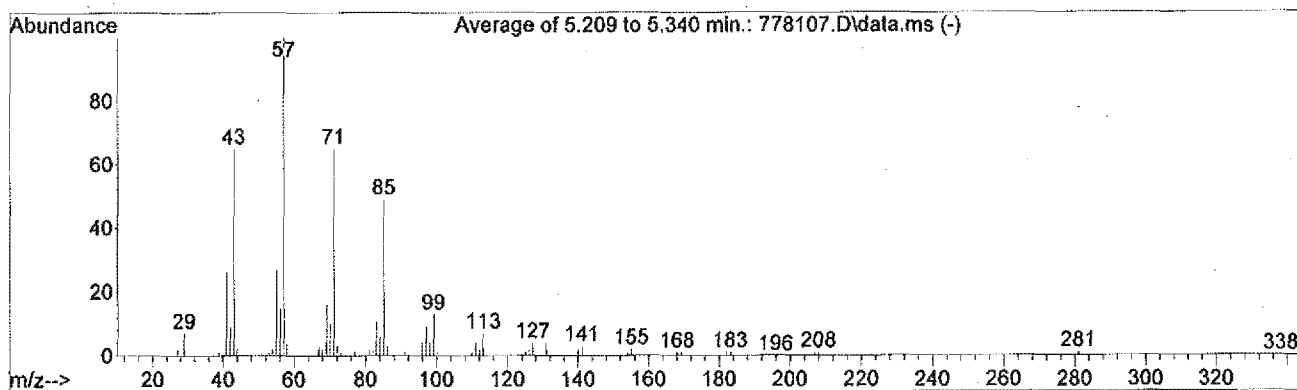
Area Percent / Library Search Report

Information from Data File:

File Name : D:\System8\03_21_11\778107.D
 Operator : DJR
 Date Acquired : 21 Mar 2011 14:26
 Sample Name : XXXXXXXXXX
 Submitted by : ASD
 Vial Number : 7
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	5.23	C:\Database\NIST08.L		
		Heneicosane	000629-94-7	91
		Heptadecane	000629-78-7	86
		Eicosane, 10-methyl-	054833-23-7	86



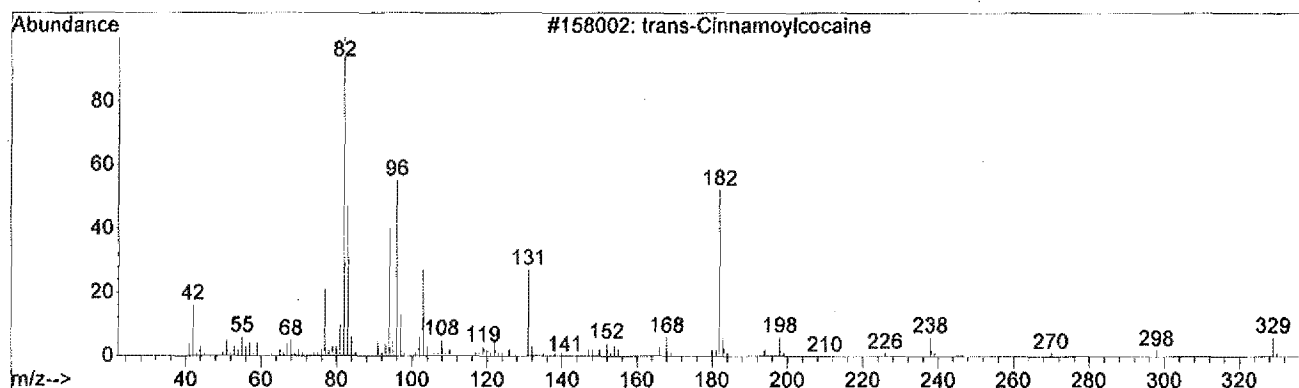
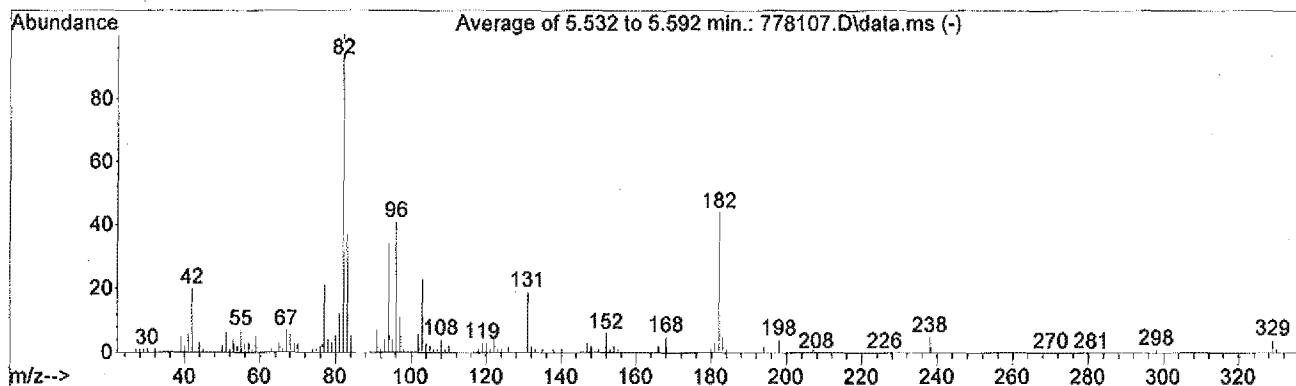
Area Percent / Library Search Report

Information from Data File:

File Name : D:\System8\03_21_11\778107.D
Operator : DJR
Date Acquired : 21 Mar 2011 14:26
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 7
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

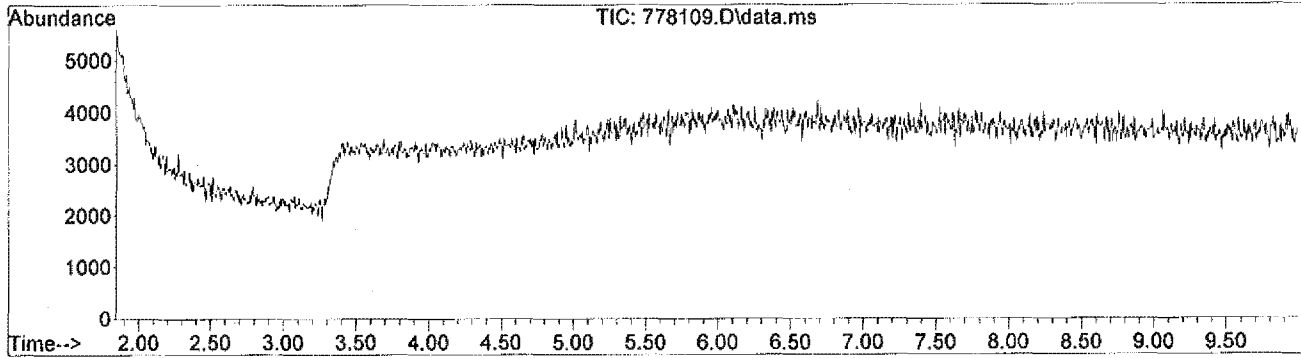
PK#	RT	Library/ID	CAS#	Qual
5	5.56	C:\Database\NIST08.L		
		trans-Cinnamoylcocaine	1000335-16-0	99
		Cinnamoylcocaine	1000247-78-7	87
		Acetoxycgonine methyl ester	203320-36-9	64



Area Percent / Library Search Report

Information from Data File:

File Name : D:\System8\03_21_11\778109.D
Operator : DJR
Date Acquired : 21 Mar 2011 14:52
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

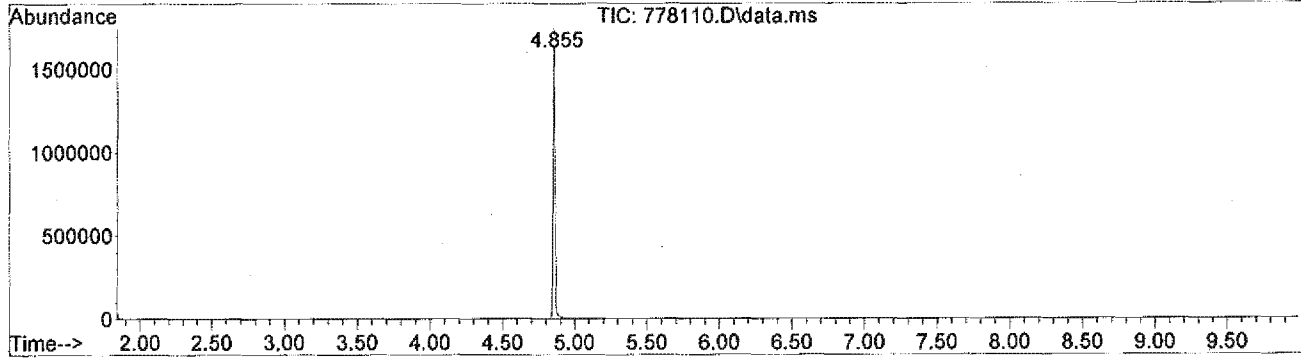


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
 File Name : D:\System8\03_21_11\778110.D
 Operator : DJR
 Date Acquired : 21 Mar 2011 15:05
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.855	1549099	100.00	100.00

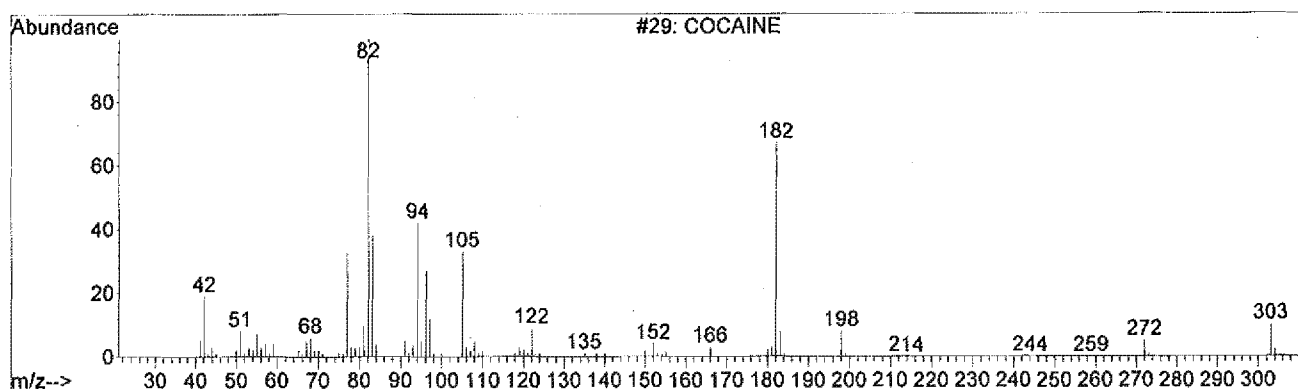
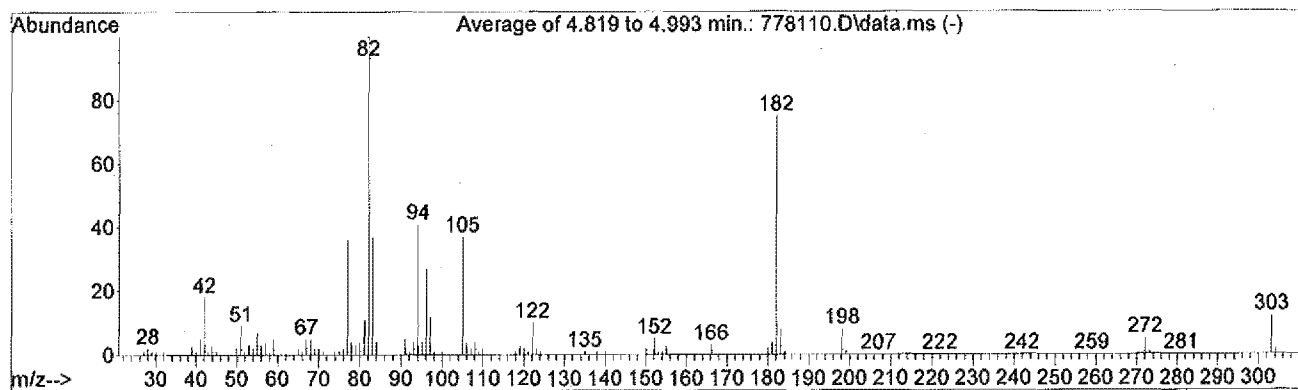
Area Percent / Library Search Report

Information from Data File:

File Name : D:\System8\03_21_11\778110.D
 Operator : DJR
 Date Acquired : 21 Mar 2011 15:05
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.86	C:\Database\SLI.L COCAINE	000050-36-2	99

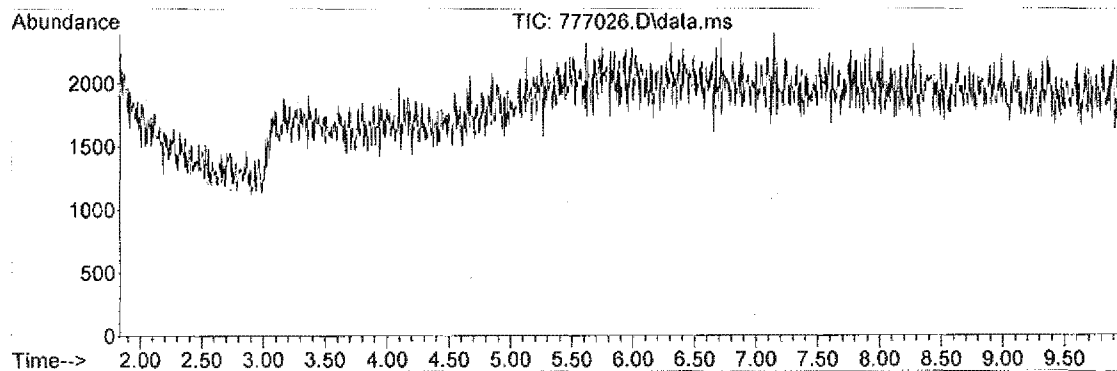


Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_17_11\777026.D
 Operator : ASD
 Date Acquired : 17 Mar 2011 13:53
 Sample Name : BLANK
 Submitted by : ASD
 Vial Number : 1
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

✓ DJR
6-8-11



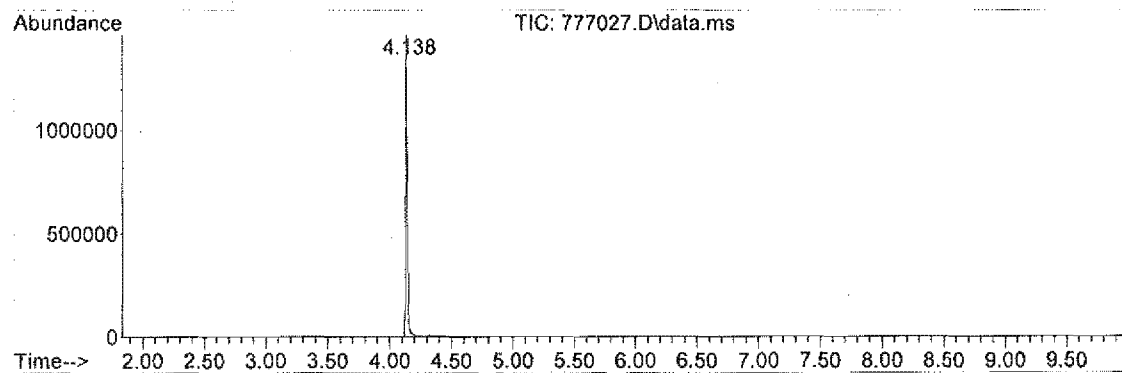
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_17_11\777027.D
 Operator : ASD
 Date Acquired : 17 Mar 2011 14:06
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.138	1342652	100.00	100.00

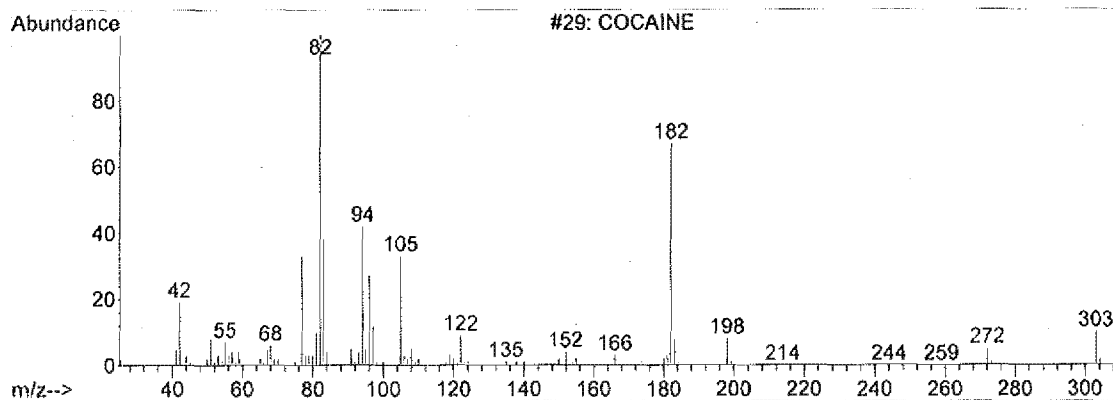
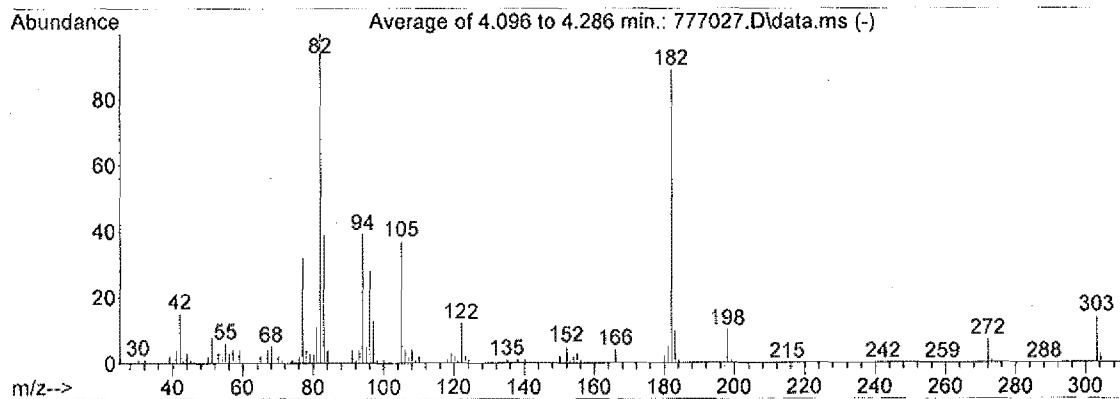
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_17_11\777027.D
Operator : ASD
Date Acquired : 17 Mar 2011 14:06
Sample Name : COCAINE STD
Submitted by : ASD
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

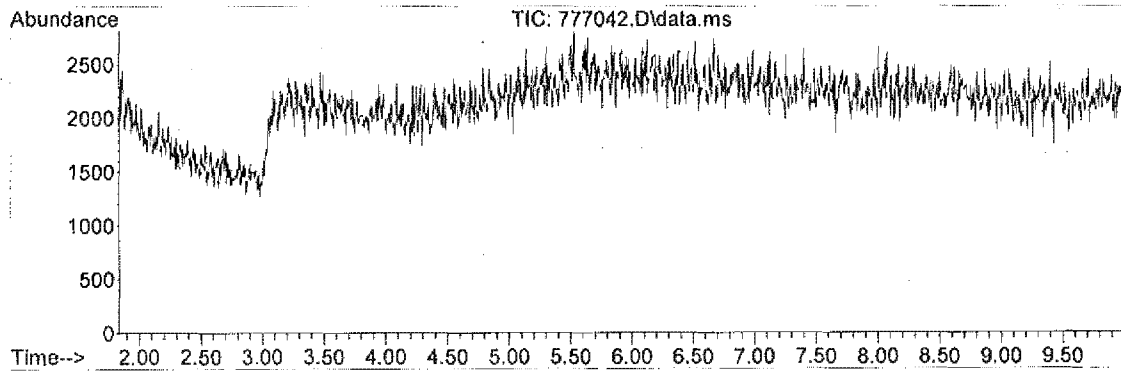
PK#	RT	Library/ID	CAS#	Qual
1	4.14	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_17_11\777042.D
Operator : ASD
Date Acquired : 17 Mar 2011 17:21
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



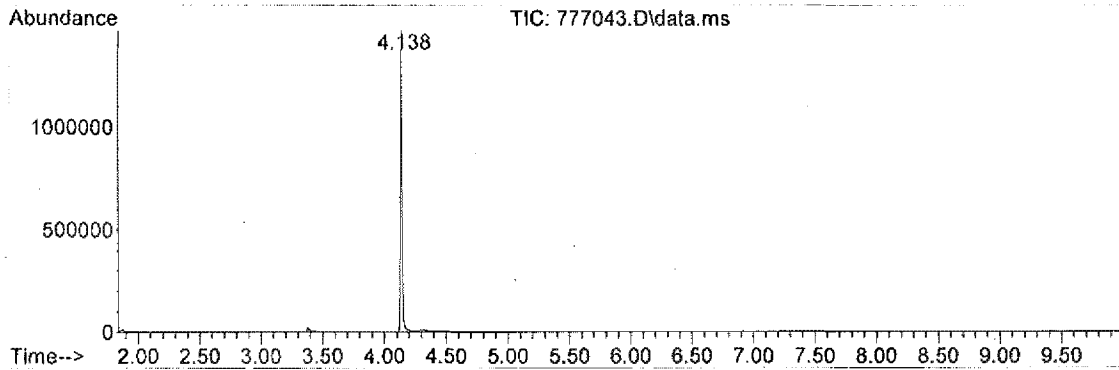
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_17_11\777043.D
Operator : ASD
Date Acquired : 17 Mar 2011 17:34
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 43
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.138	1381941	100.00	100.00

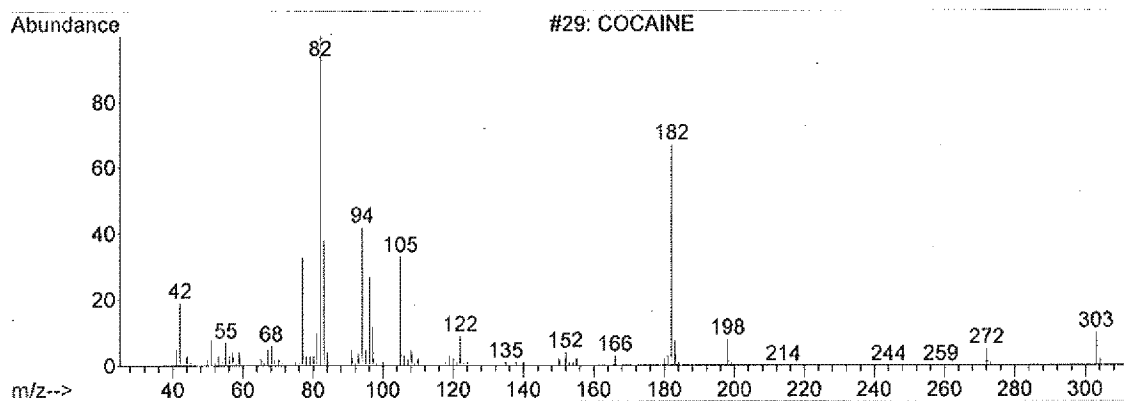
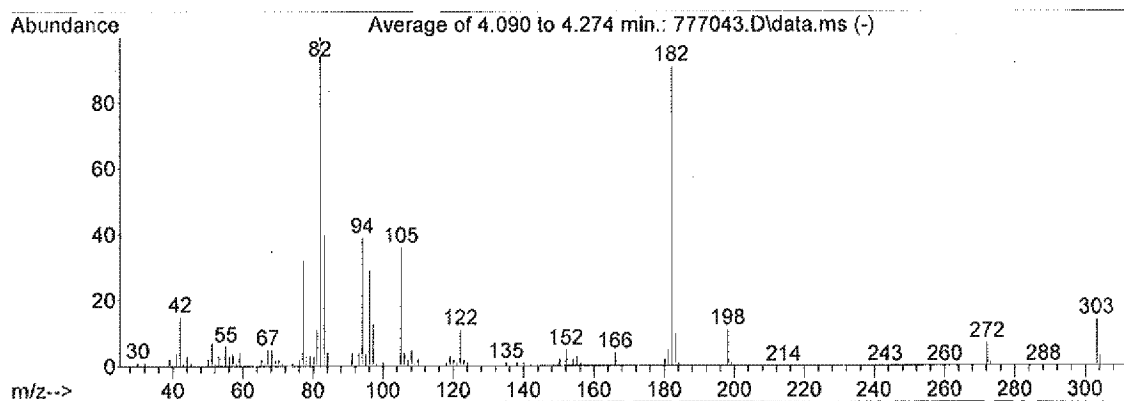
Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_17_11\777043.D
Operator : ASD
Date Acquired : 17 Mar 2011 17:34
Sample Name : XXXXXXXXXX
Submitted by : ASD
Vial Number : 43
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

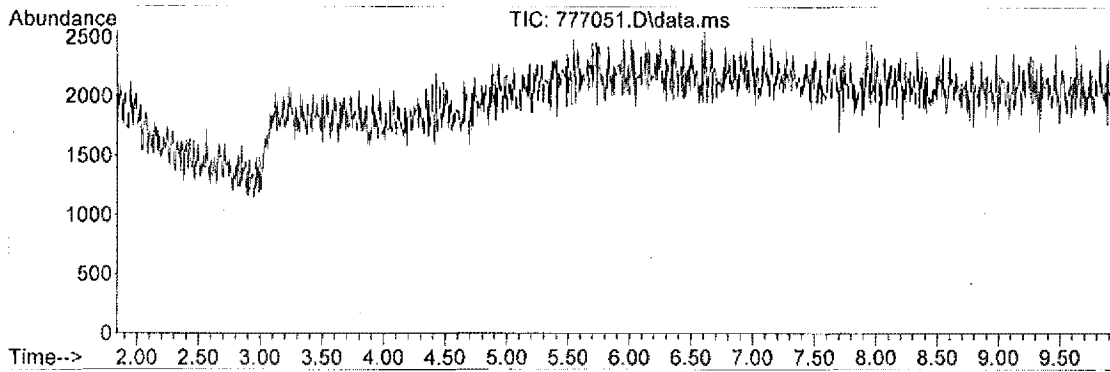
PK#	RT	Library/ID	CAS#	Qual
1	4.14	C:\Database\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_17_11\777051.D
Operator : ASD
Date Acquired : 17 Mar 2011 19:18
Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



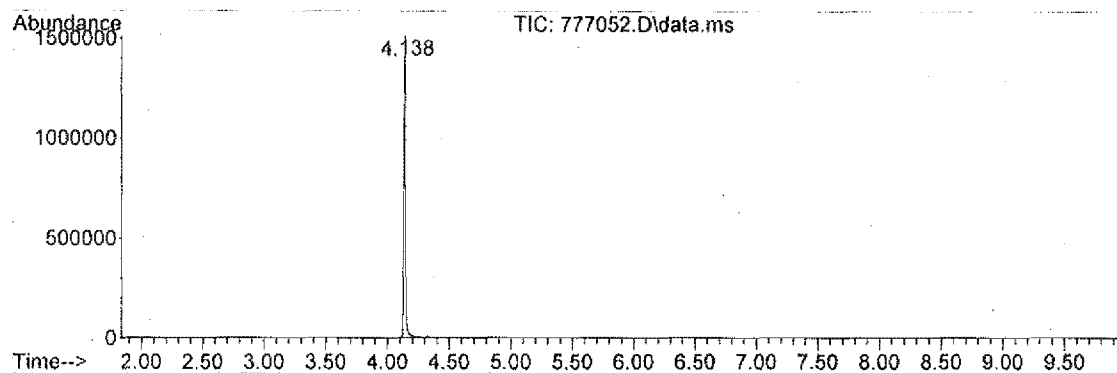
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_17_11\777052.D
 Operator : ASD
 Date Acquired : 17 Mar 2011 19:31
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.138	1393129	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

File Name : C:\msdchem\1\data\SYSTEM6\03_17_11\777052.D
 Operator : ASD
 Date Acquired : 17 Mar 2011 19:31
 Sample Name : COCAINE STD
 Submitted by : ASD
 Vial Number : 5
 AcquisitionMeth: DRUGS.M
 Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
 C:\Database\NIST08.L Minimum Quality: 80
 C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.14	C:\Database\SLI.L COCAINE	000050-36-2	99

